



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/823,300	03/29/2001	Eric Koenig	MULTI-TASK- CELL PHONE	6848
4988	7590	10/21/2003	EXAMINER	
ALFRED M. WALKER 225 OLD COUNTRY ROAD MELVILLE, NY 11747-2712			NGUYEN, FRANCIS N	
			ART UNIT	PAPER NUMBER
			2674	8

DATE MAILED: 10/21/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/823,300

Applicant(s)

KOENIG, ERIC

Examiner

FRANCIS NGUYEN

Art Unit

2674

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 3/7/03, 7/16/03, 7/29/03.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 6,7 and 10-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 6,10,12-14,16,17,19,21 and 23 is/are rejected.
- 7) ☒ Claim(s) 7,11,15,18,20 and 22 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

Art Unit: 2674

DETAILED ACTION

Response to Amendment

1. The amendment A filed on 3/11/2003 , and amendment C filed on 7/29/2003 are entered. The amendment B filed on 7/29/2003 is not entered.

Claim Objections

2. Claim 23 is objected to because of the following informalities: incorrect word "on" (page 11, Amendment C, line 3). Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

4. Claims 6, 10 , 13-14, 16-17, 19 are rejected under 35 U.S.C. 102(e) as being anticipated by Lebby et al.(US Patent 6,158,884).

Art Unit: 2674

As to claims 6 and 10, Lebby et al. teaches a handheld wireless telecommunications unit displaying images to a user (integrated communicative watch as portable electronic equipment, column 1, lines 1-9, cellular phone, column 6, lines 58-62) comprising:

a hand-held body having a keypad (wristband 26 with numeric keypad 28 as shown in figure 1A) ;

a display displaying at least one visually perceptible display (watch face 14 shown in figure 1A, column 3, lines 31-33) and at least one auditory display (speaker and microphone means 16 and 18, column 3, lines 33-34), wherein:

said visually perceptible display comprises at least one central display screen (watch display is central screen shown in figure 1A) and at least one additional screen disposed from said central screen (display 27 shown in figure 1A, column 5, lines 52-55);

wherein said at least one additional screen is guided and deployed in a co-planar position relative to said central screen of said hand-held body of said wireless telecommunications unit (**display 27 is coplanar to watch face 14 as shown in figure 1A**); and wherein said at least one additional screen is guided between an outward deployed position (as shown in figure 1A) and an inward storage position (housed within electronic unit 12 when not in use, column 5, lines 54-55); and, wherein said at least one additional screen is attached slidably within said body of said unit (**display 27 is a slideout display** shown in figure 1A, column 5, lines 51-54)

As to claim 13, Lebby et al. teaches said visually perceptible display is at least one liquid crystal display screen (liquid crystal display, column 5, lines 62-63).

Art Unit: 2674

As to claim 14, Lebby et al. teaches wherein said auditory display includes at least one sound producing means (speaker means 16 shown in figure 1A).

As to claim 16, Lebby et al. teaches said at least one slidably attached screen comprises at least one screen slidably attached to the left side of said at least one central display (display 27 is slidably attached to wrist face shown in figure 1A).

As to claim 17, Lebby et al. teaches said at least one slidably attached screen comprises at least one screen slidably attached to the right side of said at least one central display (display 27 is slidably attached to wrist face shown in figure 1A).

As to claim 19, Lebby et al. teaches at least one additional screen is co-planar with said at least one central display (display 27 is coplanar with wrist face shown in figure 1A).

5. Claims 6, 10, 12, 13, 21, 23 are rejected under 35 U.S.C. 102(e) as being anticipated by Miyashita(US Patent 6,327,482).

As to claims 6 and 10, Miyashita teaches a handheld wireless telecommunications unit displaying images to a user (mobile radio apparatus, column 1, lines 5-9, figure 1) comprising: a hand-held body having a keypad (apparatus body 1, column 2, lines 10-13, with numeral keys 6 as shown in figure 1, column 3, line 40) ;

a display displaying at least one visually perceptible display (display screen 7 as shown in figure 2C, column 2, lines 37- 42) and at least one auditory display (, column , lines), wherein:

Art Unit: 2674

said visually perceptible display comprises at least one central display screen (display 7a shown in figure 1) and at least one additional screen disposed from said central screen (auxiliary display 9a shown in figure 1, column 2, lines 25-26);

wherein said at least one additional screen is guided and deployed in a co-planar position relative to said central screen of said hand-held body of said wireless telecommunications unit (**display 7a is coplanar to display 9a as shown in figures 1 and 4B, also see column 5, lines 21-24**); and wherein said at least one additional screen is guided between an outward deployed position (display 9a as shown in figure 4b) and an inward storage position (auxiliary display 9 retracted into the storing portion 9d for storing the auxiliary display 9 in its one side , column 3, lines 3-6); and, wherein said at least one additional screen is attached slidably within said body of said unit (**display 23 removably mounted to apparatus body, column 4, lines 40-42 , figure 6**) .

As to claim 12, Miyashita teaches telecommunications unit is wireless Internet Web based personal electronic organizer (user receives data via Internet, column 4, lines 28-32).

As to claim 13, Miyashita teaches liquid crystal display screen (main display implemented by an LCD, column 2, lines 20-21).

As to claim 21, Miyashita teaches a central display and at least one additional screen both powered by a common driver electronics circuitry controlled by imaging software (electric circuitry shown in figure 5 inherently has power source to energize the mobile radio apparatus, controller 16 drives both main display 7 and auxiliary display 9 shown in figure 5). Note that

Art Unit: 2674

controller 16 includes a CPU and semiconductor memories, column 3, lines 26-27, therefore image software is inherently in said memories and executed by said CPU.

As to claim 23, Miyashita teaches said at least one central display and said at least one additional screen display respective portions of a single image (figure 2A indicates character string HIJKL a continuation of string ABCDEFG).

Allowable Subject Matter

6. Claims 7, 11, 15, 18, 20, 22 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

As to claim 7, none of prior art teaches slidable additional screen is spring deployable, and wherein said slidably attached at least one additional screen slides with urging from said spring between an outward deployed position and an inward storage position.

As to claim 11, none of prior art teaches telecommunications unit is a wireless personal digital assistant.

As to claim 15, none of prior art teaches at least one additional slidably attachable screen is a plurality of screens.

As to claim 18, none of prior art teaches at least one screen slidably attached to the left of said central display and at least one screen slidably attached to the right of said central display.

Art Unit: 2674

As to claim 20, none of prior art teaches said at least one central display screen is powered by a first driver electronics circuitry controlled by imaging software and said at least one additional screen is powered by a separate driver electronics circuitry controlled by imaging software.

As to claim 22, none of prior art teaches at least one central display displays a first image on a screen powered by said first driver electronics circuitry controlled by image software and said at least one additional screen displays a second image on said additional screen powered by said second driver electronics circuitry controlled by imaging software.

Response to Arguments

7. There was no Applicant's argument in the responses .

The examiner notes claim 6 has **new limitation** " said at least one additional screen is guided and deployed in a co-planar position" (Amendment C, page 6, lines 10-11 of claim 6). Therefore, it necessitates new ground of rejection.

CONCLUSION

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

Art Unit: 2674

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **FRANCIS N NGUYEN** whose telephone number is **703 308-8858**. The examiner can normally be reached during hours 8:00 AM- 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **RICHARD A HJERPE** can be reached at 703 305-4709.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks


Washington, D.C. 20231


or faxed to:


(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service whose telephone number is (703) 306-0377.


October 9th, 2003


FRANCIS N NGUYEN
Examiner
Art Unit 2674


RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600